Matthew Erwin

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EDUCATION

- **Louisiana State University**   Baton Rouge, LA
  Bachelor of Science in Computer Science, Minor in Mathematics GPA: 3.93   *Aug. 2020 – May 2024*

TECHNICAL SKILLS

- **Languages**: Java, C/C++, Python, JavaScript, TypeScript, SQL (Postgres), HTML/CSS
- **Frameworks**: React, Node, Express, React Native, Redux, JUnit, Spring
- **Developer Tools**: Git, GitLab, Docker, AWS, Azure, Postman, Splunk, Figma, Jira

EXPERIENCE

- **Chevron**   Covington, LA
  Cloud Engineer Intern   *May 2023 - Aug. 2023*
  - **Splunk**: Developed sophisticated Splunk dashboards and alerts using SPL and designed visuals using XML, HTML, CSS, and JavaScript that served as template boards for Chevron's BUs
  - **OT Automation**: Utilized Ansible Tower to orchestrate and automate infrastructure tasks for an early-in-the-works project, leveraging Ansible playbooks and Docker for other containerization tasks
  - **Competency Pathways**: Interacted with Degreed's RESTful API and frontend to create multiple competency pathways for future Chevron Network Engineers using Postman and Degreed's GUI

- **General Dynamics Information Technology**   Remote
  Software Engineer I (Part-time/Intern)   *Nov. 2022 - Mar. 2023*
  - **FSA**: Served as a backend developer and gained practical experience with Java by programming pieces of the REST API for the Federal Student Aid Processing System
  - **Version Control**: Proficiently employed version control systems, including GitLab and Git, to facilitate seamless collaboration within the development and testing team
  - **API Testing**: Championed software quality assurance through the development of robust JUnit tests, validating the functionality of my code and the code of fellow engineers
  - **Database**: Demonstrated bi-weekly functionality of user stories to clients using PgAdmin and PostgreSQL queries
  - **SAFe**: Practiced SAFe Agile methodologies by following user stories and features and utilized communication platforms such as Confluence and Jira to track progress

- **General Dynamics Information Technology**   Remote
  Software Developer Intern   *June 2022 - Aug. 2022*
  - **AWS CI/CD**: Created full end-to-end automated pipelines via AWS CodeStar & AWS Blue/Green deployment
  - **Containers**: Worked on small frontend coding projects and containerized such projects by building images and containers through Docker and Docker Hub

PROJECTS

- **SocialEyes Mobile App** | *MongoDB, Express, React-Native, Redux, Typescript, Figma*:
  - Developed a minimum viable product (MVP) for a social media app to showcase to investors
  - Showcases user-generated event feeds, enabling others to view and receive invitations through our connection system
  - Project entailed practice of software development lifecycle from Figma design to MVP and monetization

- **Crawfish Price App** | *React-Native, Spring, PostgreSQL, Firebase, Google Places API*:
  - Work-in-progress mobile app for tracking crawfish and shrimp prices via crowd-sourcing and scraping
  - Utilized external APIs like Google Places API to autocomplete and query distances from user to vendor
  - In progress of developing map feature of visualizing vendors through using Google Maps API

- **Movie Review Web Application** | *React, Typescript, Rust, Node, Express, MySQL*:
  - Full stack web application for users to read and write movie reviews
  - Enabled users to search for movies and give ratings to what they've seen